

RE 11
ART 34 ANDT

We claim:

1. The use of polymers comprising
 - 5 (a) from 20 to 95% by weight of at least one thermoplastic polymer
 - (b) from 80 to 5% by weight of at least one further substance selected from the group consisting of silicates, 10 carbonates, oxides, silica gel, kieselguhr, diatomaceous earth, other polymers or mixtures thereof

15 as filter aids and/or stabilizers for filtering and/or stabilizing an aqueous liquid, with the proviso that the thermoplastic polymer set forth under (a) must not be polystyrene.
2. The use of polymers as claimed in claim 1, wherein, in 20 addition to the filtration, stabilization of the aqueous liquid takes place simultaneously.
3. The use of polymers as claimed in claim 1 or 2, wherein the 25 substance set forth under (b) is selected from the group consisting of alkali metal carbonates or alkaline earth metal carbonates, alkali metal hydrogencarbonates or alkaline earth metal hydrogencarbonates, the oxides or mixed oxides of subgroup 4 or subgroup 3, polyamides, crosslinked polyvinyllactams, polyvinylamines or mixtures thereof.
- 30 4. The use of polymers as claimed in one of claims 1 to 3, wherein the substance set forth under (b) is crosslinked polyvinylpolypyrrolidone (PVPP).
- 35 5. The use of polymers as claimed in one of claims 1 to 4, wherein the substance set forth under (b) is selected from the group consisting of crosslinked polyvinylpolypyrrolidone, TiO_2 , $NaHCO_3$, $KHCO_3$, $CaCO_3$, silica gel, kieselguhr, diatomaceous earth, bentonite or mixtures thereof.
- 40 6. A process for filtering and/or stabilizing an aqueous liquid, which comprises using as filter aid or stabilizer a polymer comprising
- 45 (a) from 20 to 95% by weight of at least one thermoplastic polymer

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(b) 80-5% by weight of at least one further substance selected from the group consisting of silicates, carbonates, oxides, silica gel, kieselguhr, diatomaceous earth, further polymers or mixtures thereof, with the proviso that the thermoplastic polymer set forth under (a) must not be polystyrene.

5 7. A process as claimed in claim 6, wherein, in addition to the filtration, simultaneous stabilization of the medium to be filtered takes place.

10 8. A process as claimed in either of claims 6 and 7, wherein, during the filtration, the precoat filtration technique is used.

15 9. The process as claimed in one of claims 6 to 8, wherein the aqueous liquid is a liquid selected from the group consisting of fruit juice drinks or fermented beverages.

20 10. A process as claimed in one of claims 6 to 9, wherein the aqueous liquid is beer.

11. A process as claimed in one of claims 6 to 10, wherein the polymers used have a mean particle size of from 1 to 1000 μm .

25 12. A process as claimed in one of claims 6 to 11, wherein the particles of the polymers used are not spheroidal.

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